

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004940.D
 Acq On : 03 Oct 2018 00:50
 Operator : JC/MD
 Sample : J5170-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-3

Quant Time: Oct 03 07:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

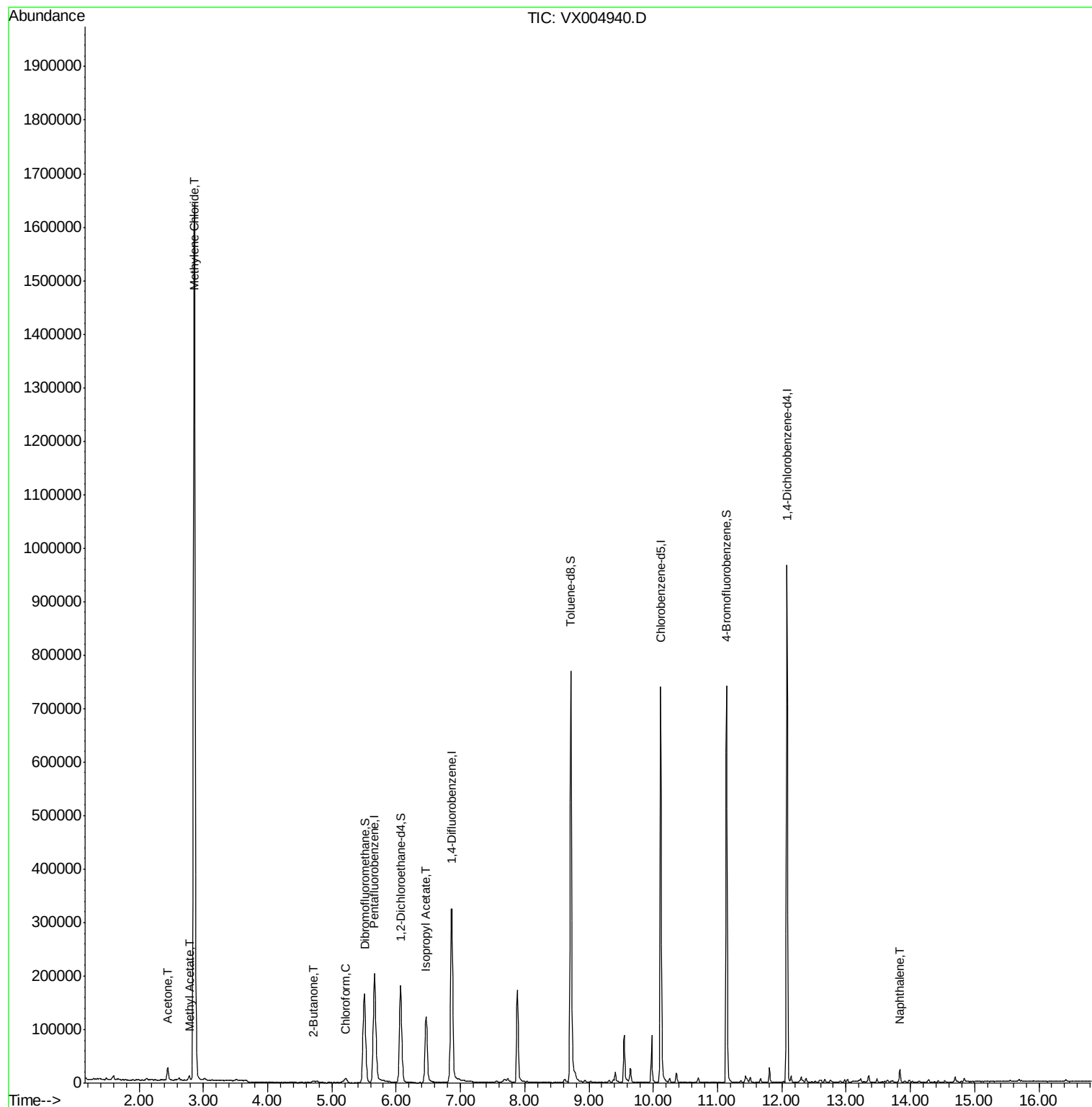
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172934	55.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.42%	
35) Dibromofluoromethane	5.51	113	144153	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.72	98	515023	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	11.14	95	186235	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
Target Compounds						
16) Acetone	2.45	43	24966	13.775	ug/l	93
18) Methyl Acetate	2.79	43	9727	2.118	ug/l	95
20) Methylene Chloride	2.85	84	725809	279.285	ug/l	87
25) 2-Butanone	4.70	43	6061	2.269	ug/l	90
30) Chloroform	5.21	83	8690	1.782	ug/l	89
43) Isopropyl Acetate	6.46	43	171855	22.010	ug/l	98
95) Naphthalene	13.83	128	14522	1.601	ug/l	100

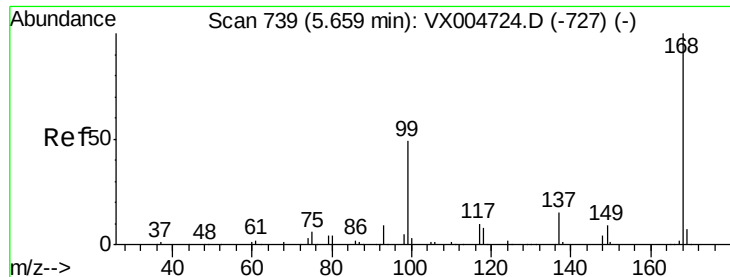
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100318\
Data File : VX004940.D
Acq On : 03 Oct 2018 00:50
Operator : JC/MD
Sample : J5170-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

Quant Time: Oct 03 07:19:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

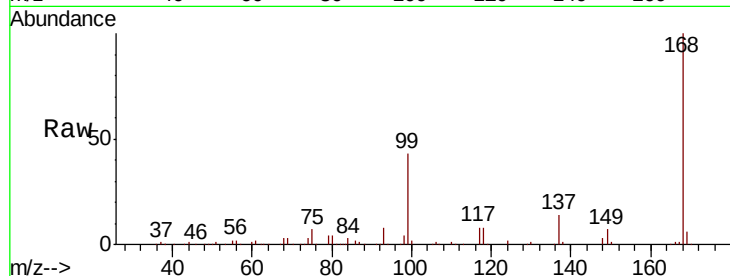
HC-SOIL-3

Tot Ion:168 Resp: 217315

Ion Ratio Lower Upper

168 100

99 43.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.66

80000

60000

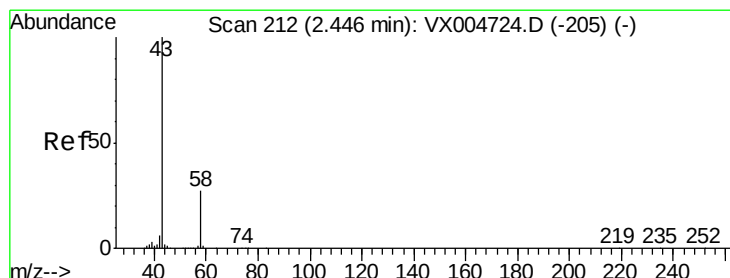
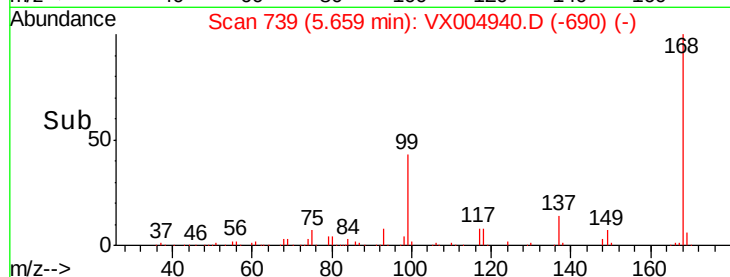
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 13.775 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004940.D

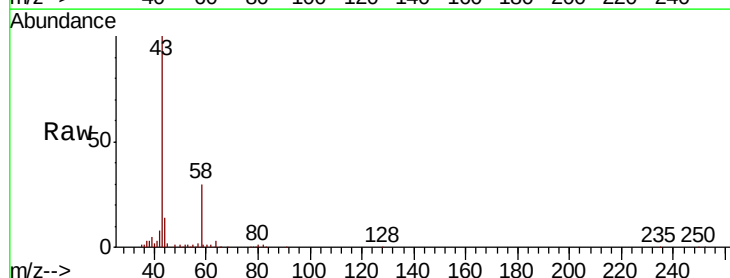
Acq: 03 Oct 2018 00:50

Tgt Ion: 43 Resp: 24966

Ion Ratio Lower Upper

43 100

58 30.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX004724.D (-205) (-)

2.45

15000

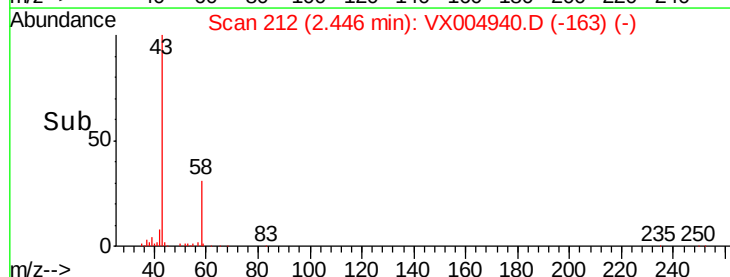
10000

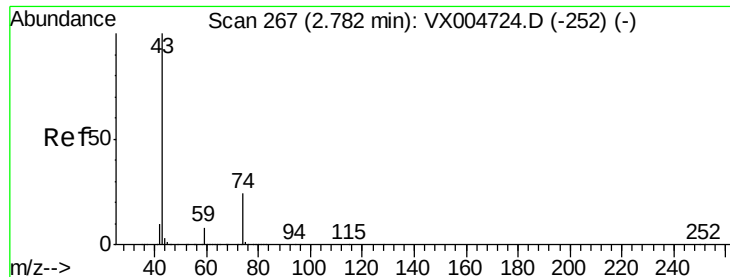
5000

0

2.35 2.40 2.45 2.50 2.55

Time-->

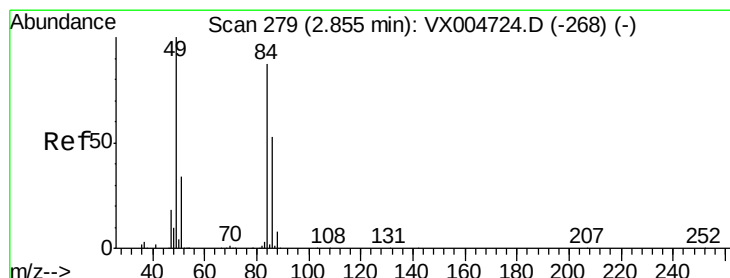
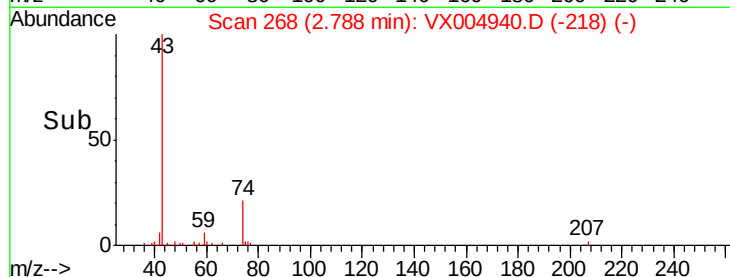
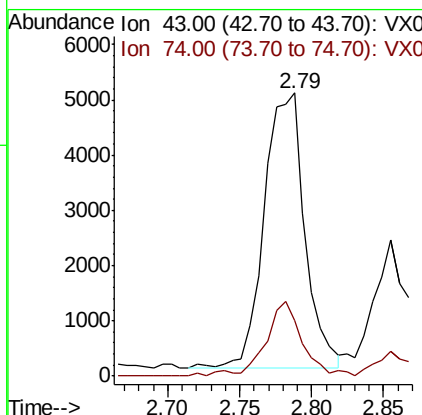
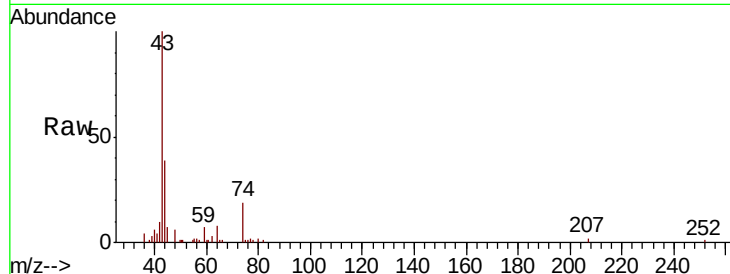




#18
Methvl Acetate
Concen: 2.118 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

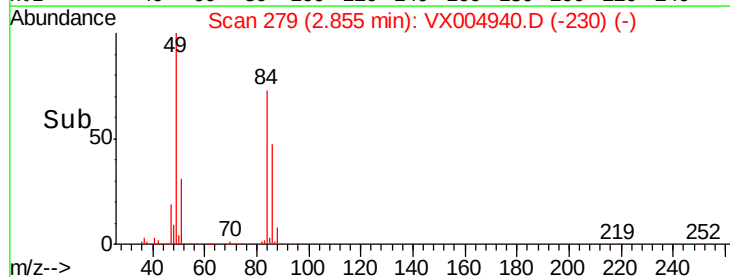
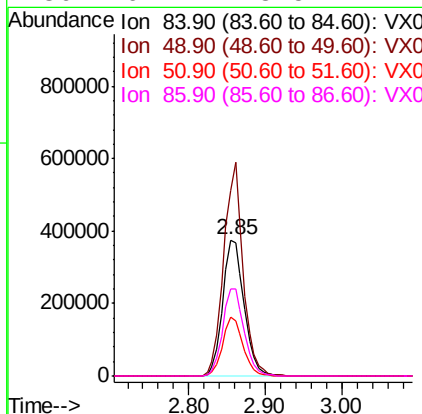
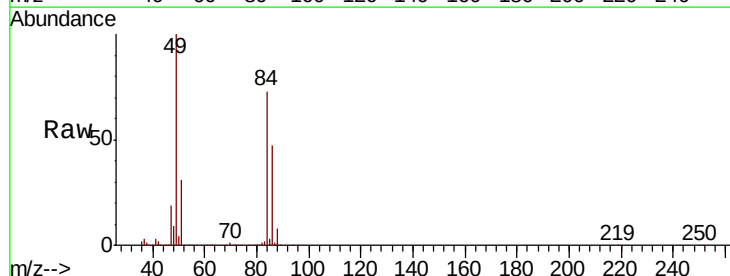
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

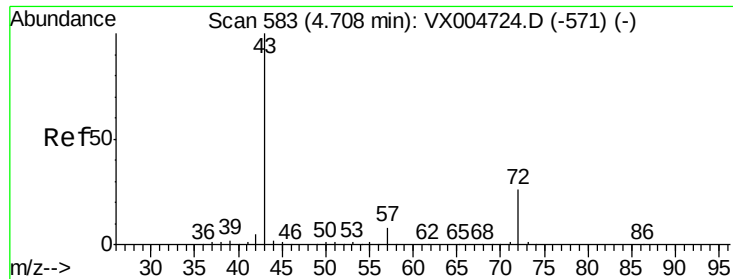
Tot Ion: 43 Resp: 9727
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.8



#20
Methylene Chloride
Concen: 279.285 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 84 Resp: 725809
Ion Ratio Lower Upper
84 100
49 137.0 92.3 138.5
51 43.0 31.8 47.6
86 64.1 48.5 72.7

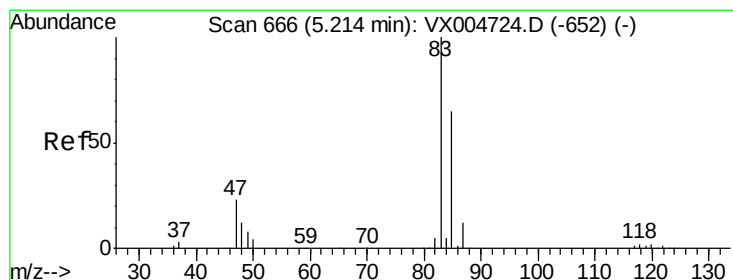
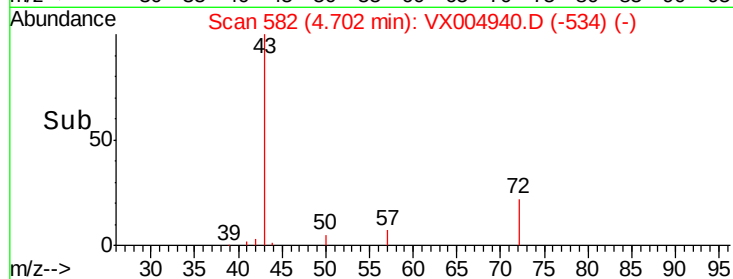
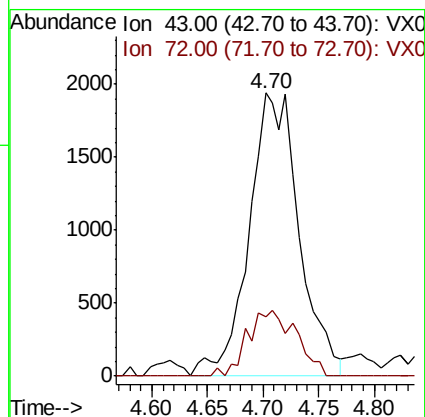
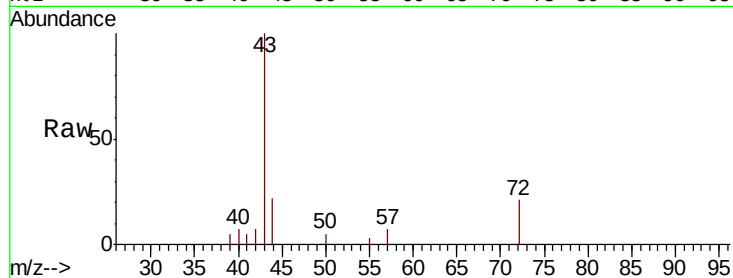




#25
2-Butanone
Concen: 2.269 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

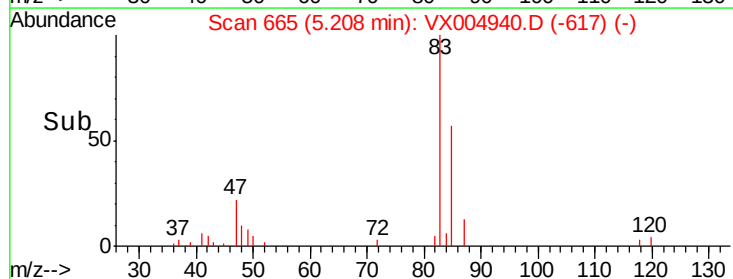
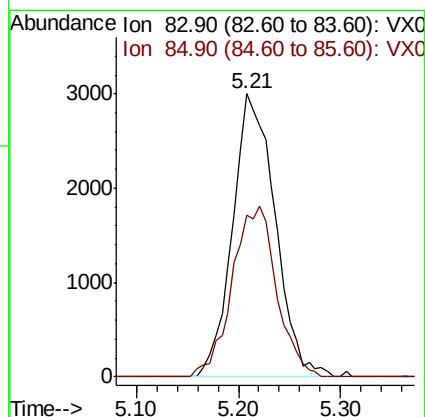
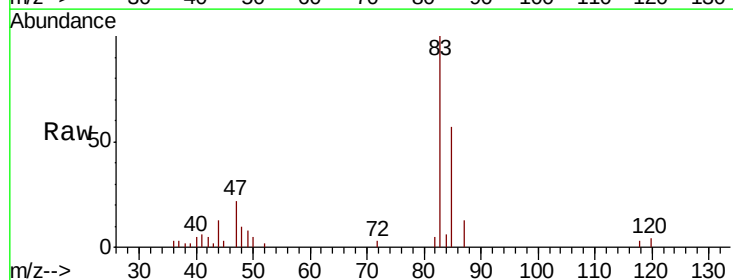
Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

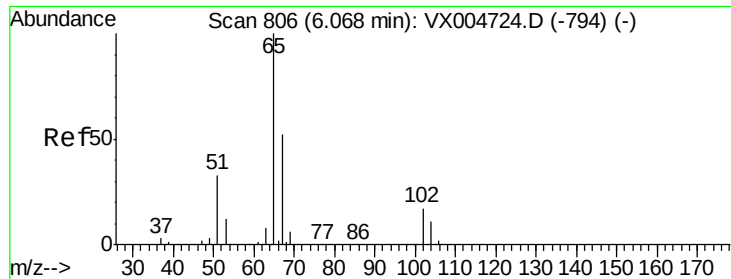
Tot Ion: 43 Resp: 6061
Ion Ratio Lower Upper
43 100
72 20.9 20.8 31.2



#30
Chloroform
Concen: 1.782 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 83 Resp: 8690
Ion Ratio Lower Upper
83 100
85 57.1 52.4 78.6

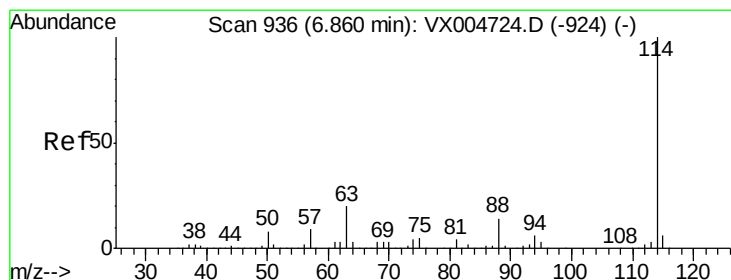
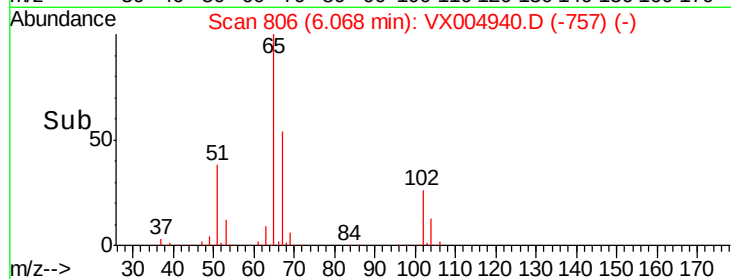
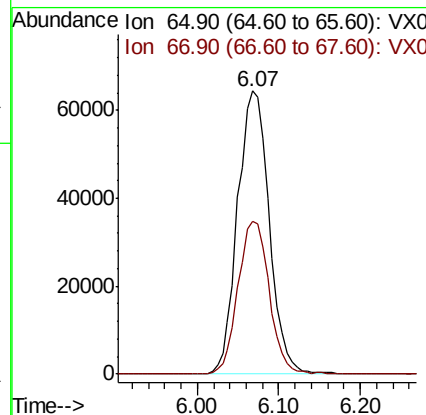
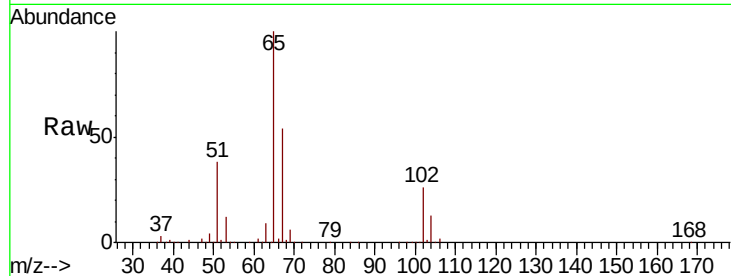




#33
 1,2-Dichloroethane-d4
 Concen: 55.707 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

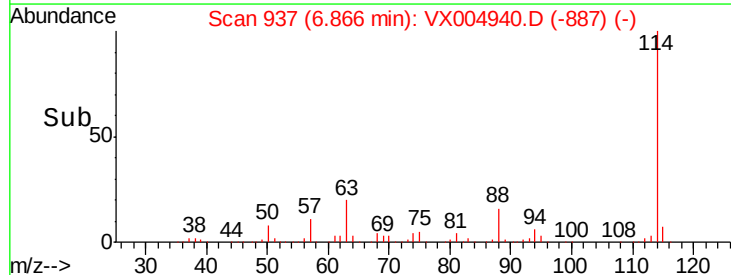
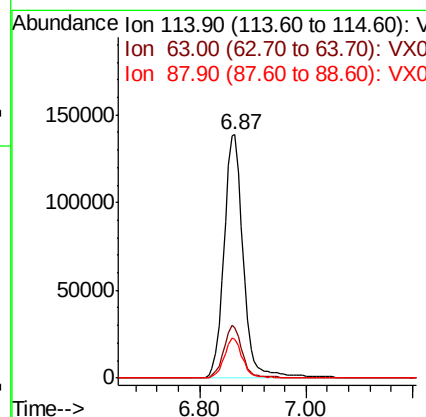
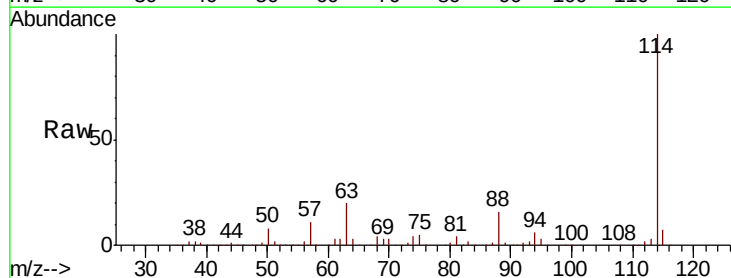
Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-3

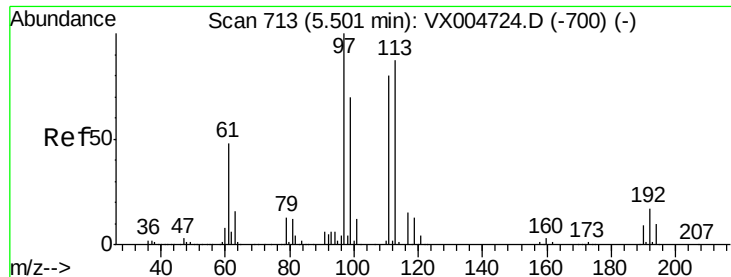
Tot Ion: 65 Resp: 172934
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004940.D
 Acq: 03 Oct 2018 00:50

Tgt Ion: 114 Resp: 352448
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 16.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.259 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-3

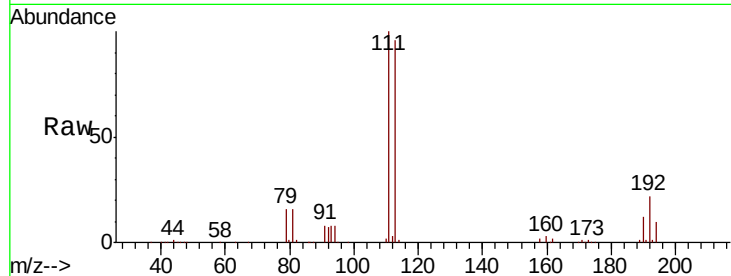
Tot Ion:113 Resp: 144153

Ion Ratio Lower Upper

113 100

111 102.8 77.0 115.4

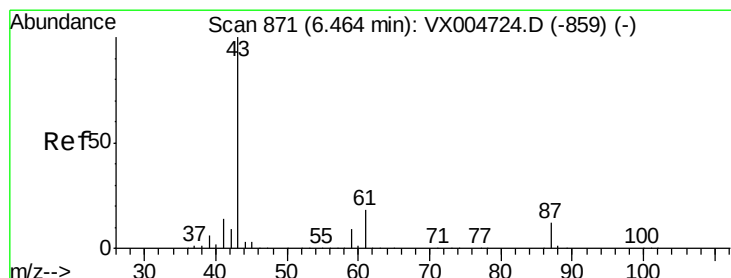
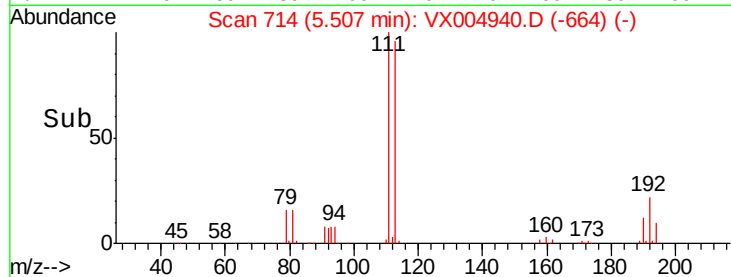
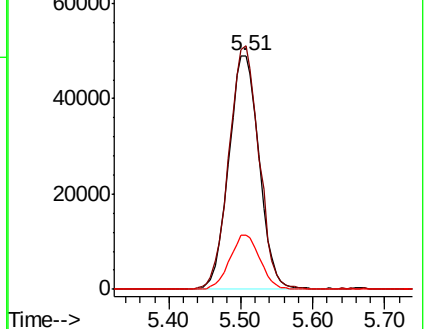
192 23.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#43

Isopropyl Acetate

Concen: 22.010 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004940.D

Acq: 03 Oct 2018 00:50

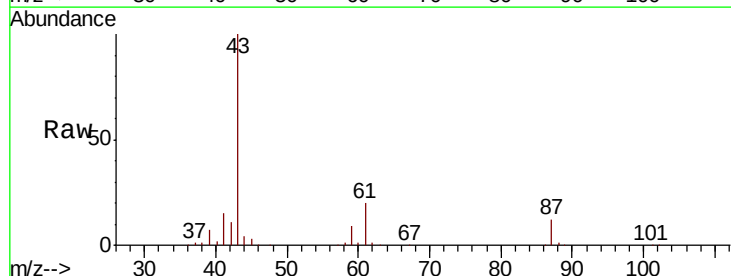
Tgt Ion: 43 Resp: 171855

Ion Ratio Lower Upper

43 100

61 18.9 14.2 21.4

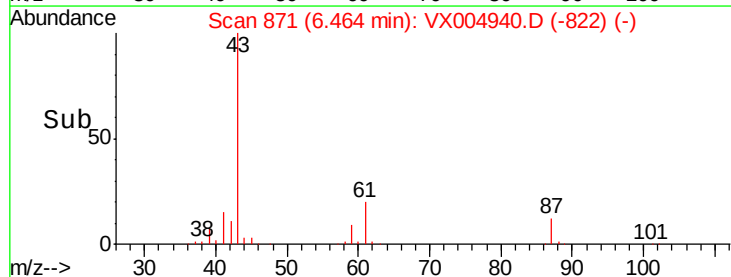
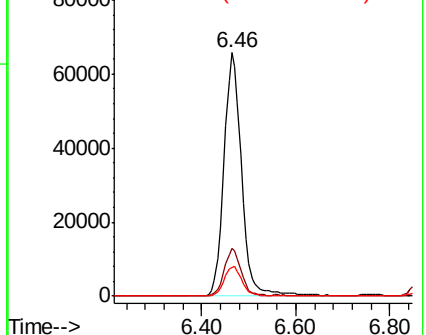
87 12.2 9.3 13.9

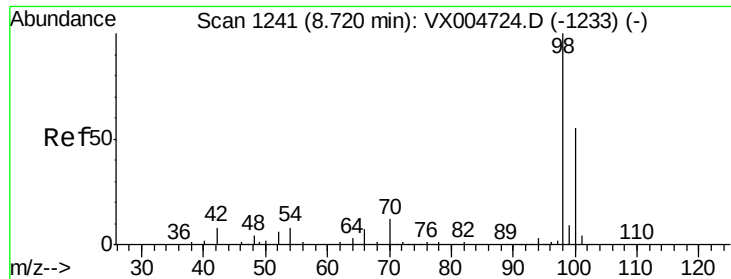


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

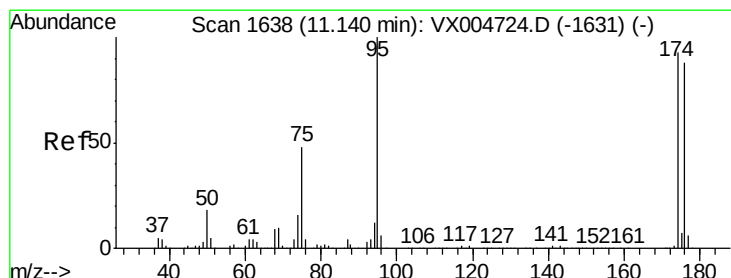
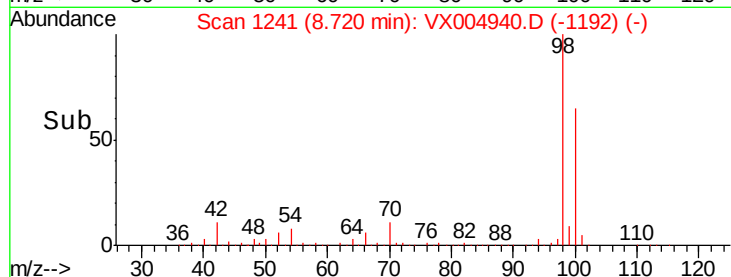
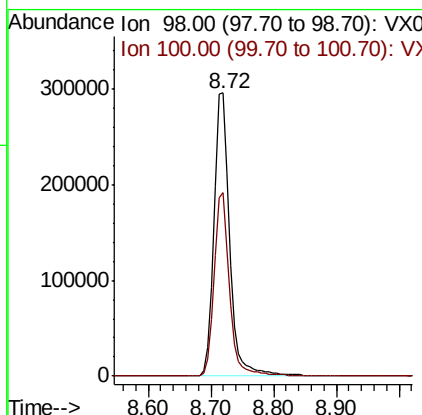
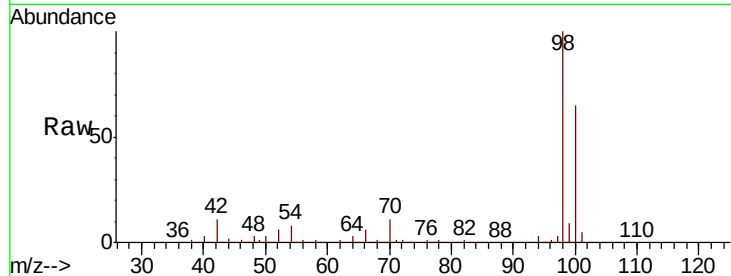




#50
Toluene-d8
Concen: 51.863 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

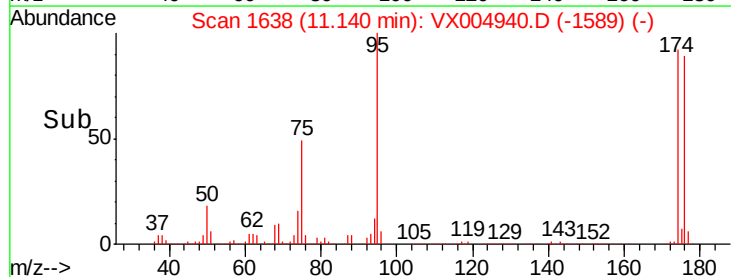
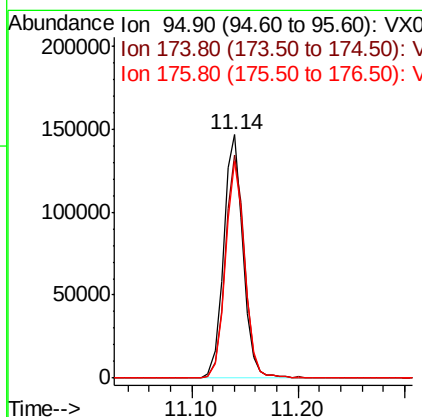
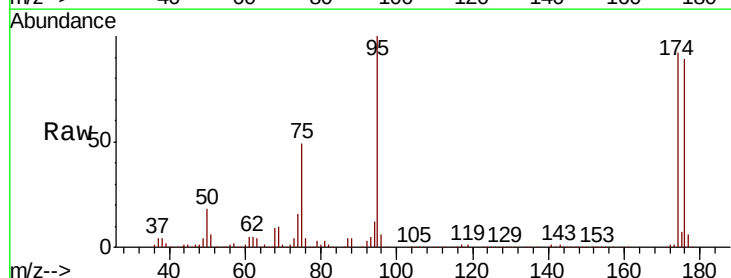
Instrument :
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HC-SOIL-3

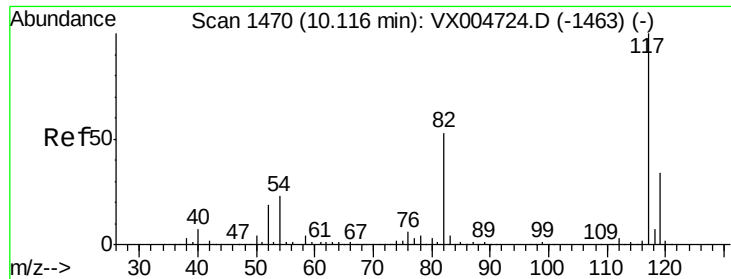
Tot Ion: 98 Resp: 515023
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.058 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion: 95 Resp: 186235
Ion Ratio Lower Upper
95 100
174 92.2 0.0 185.0
176 89.0 0.0 180.2

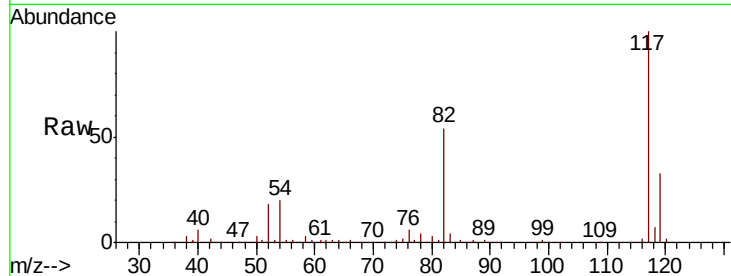




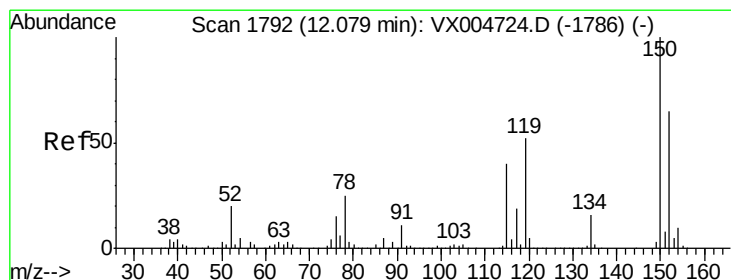
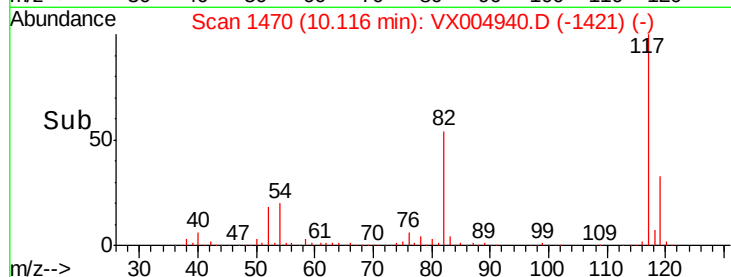
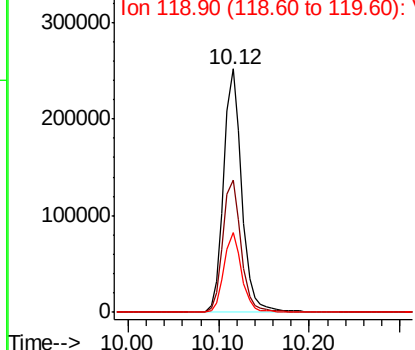
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-3

Tot Ion:117 Resp: 352208
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.8 27.4 41.0

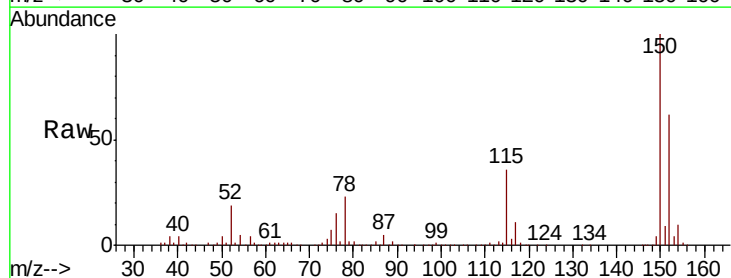


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

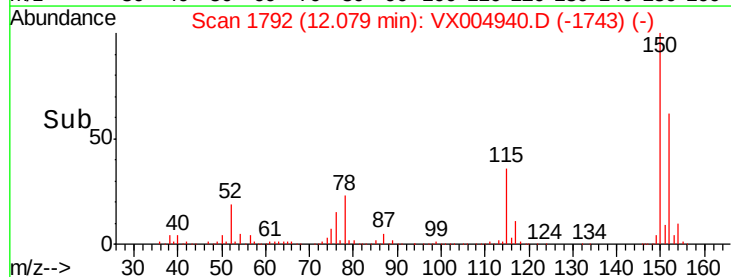
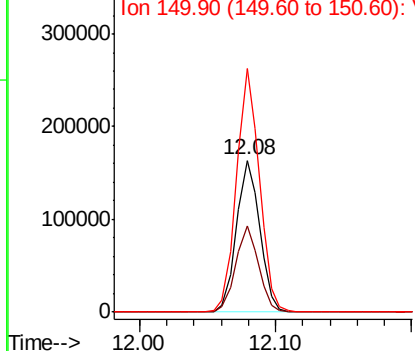


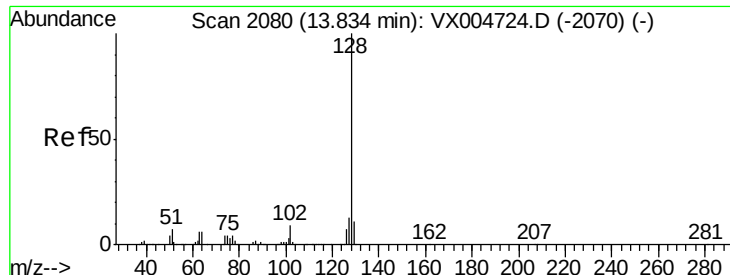
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Tgt Ion:152 Resp: 195165
Ion Ratio Lower Upper
152 100
115 55.8 40.2 120.6
150 157.6 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.601 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004940.D
Acq: 03 Oct 2018 00:50

Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.9	8.7	13.1

